

Plastifloor® - 112 (GB)

Fast-curing 2-component- adhesive primer
for concrete and cement screed

PLASTI CHEMIE
Produktionsgesellschaft mbH

Application: Primer 112 serves as adhesive primer for Plastifloor® coatings, especially on cement-bound substrates.

Properties: Primer 112 is a reactive methacrylate resin that also cures fast on low temperatures.

Characteristics:

Form of delivery	slightly cloudy liquid
Flow time (DIN cup 4mm)	22-28 sec sec. (20°C)
Curing	10 – 20 min at 20°C and 2% hardener
Density at 20 °C	DIN 51757 ~ 1.00 g/cm ³
Flashpoint	DIN 51755 +10 °C
Shelf life, dark at < 20 °C	6 months maximum

Suggested formulation

PF 112

primer:

Primer 112 can be processed with hardener 50 W. Hardener quantity must be adjusted to the respective object temperature (see table). At temperatures below + 5°C, accelerator B101 can additionally be added must be added (~ 0.5 % at 0 °C up to 3 % at -30 °C) with retention of 6 PBV hardener powder.

After mixing in the hardener powder, Plastifloor® 112 is being equally and thinly dispersed with a roller or rubber squeegee (300-600 g/m²). Consumption must be adjusted individually. On extremely absorbent substrates, prime twice in order to achieve a thin but closed film that bonds the broadcasting material. We recommend slightly broadcasting the primer with quartz sand (size 0.7-1.2 mm). If only thin sealers are to be applied, we recommend using quartz sand in size 0.4 – 0.8 mm. This work step ensures an absolutely solid bond between primer and the following coating.

Consumption ~ 300-600 g/m² per work step

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Suggested formulation:

8l primer 112
0.16l hardener 50W (at 20°C ground temperature)

Pot life and curing times depending on temperature:

Further coating layers with Plastifloor must only be applied after the previous layers have completely cured.

Temperature(°C)	Hardener(Vol.-%)*	Pot life(min.)	Curing time(min.)
0 - 5	6	~ 11	~ 30
5 -10	5	~ 8	~ 30
10 -15	3	~ 8	~ 30
15 -20	2	~ 7	~ 25
20 -25	2	~ 6	~ 20
25 -30	1	~ 6	~ 20

* Hardener-quantity calculated on pure resin (Hardener 50W)

Attention:

Hardener quantities below 1 Vol. % may cause polymerisation failures!

Storage:

The handling-regulations for highly flammable materials apply to methacrylate – resins. Plastifloor resins are to be stored cool, protected against direct sunlight and preferably at temperatures of 15-20 °C. During storage paraffin - particles and filler - materials may precipitate. Thus before processing, containers have to be stirred up well. Please mind the advice on our safety data sheets.

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